

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all previous listings, and versions, of claims in the application.

Listing of Claims:

1. (Currently Amended) An implantable fluid management system comprising:
an implantable pump having an inlet, ~~[[and]]~~ an outlet, and a circumferentially-coupled magnetic drive system, the implantable pump configured to be implanted subcutaneously in a peritoneal cavity so that a portion of the magnetic drive system ~~implantable pump~~ partially protrudes from the peritoneal cavity;
a first tube coupled between the peritoneal cavity and the;
a second tube coupled between the outlet and a bladder; and
external control module configured to be periodically coupled to the implantable pump to transfer energy to the implantable pump, the external control module including a recess that accepts the protruding portion of the magnetic drive system to permit the external control module having a feature configured to circumferentially engage and magnetically couple to the protruding portion of the magnetic drive system ~~implantable pump~~.
2. (Canceled)
3. (Currently Amended) The system of claim 1, wherein ~~control module~~ implantable pump is configured to activate[[s]] ~~the pump~~ when pressure in the peritoneal cavity exceeds a predetermined level.
4. (Currently Amended) The system of claim 1, wherein the ~~control module~~ implantable pump is configured to prevent[[s]] activation ~~of the pump~~ when pressure in the bladder exceeds a predetermined threshold.
- 5-32. (Canceled)

33. (Currently Amended) The system of claim 1, wherein the housing comprises anchors ~~opposing~~ that oppose rotational forces generated by the pump, and wherein the anchors are selected from the group consisting of barbed insertion pins, a screw threading defined on an outside surface of the pump, one or more pins designed to be inserted into the abdominal wall, and combinations thereof.

34. (Canceled)

35. (Previously Presented) The system of claim 1, wherein the housing comprises a material promoting fibrotic ingrowth into the housing.

36. (Previously Presented) The system of claim 1, wherein one or more anti-infective coatings are provided on the housing.

37. (Canceled)

38. (Previously Presented) The system of claim 1, further comprising:
a first sensor disposed at an end of the first tube; and
a second sensor disposed at an end of the second tube,
wherein the first sensor is a pressure sensor or a chemical sensor, and
wherein the second sensor is a pressure sensor or a chemical sensor.

39. (Previously Presented) The system of claim 1, further comprising a housing made of a biocompatible material, the pump being disposed in the housing.

40. (Previously Presented) The system of claim 1, wherein the pump is configured to be remotely activated.

41. (Canceled).

42. (Previously Presented) The system of claim 1, wherein the external control module comprises a driveshaft and a magnet holding arm, the driveshaft transferring power to the magnet holding arm.

43. (Currently Amended) The system of claim 1, wherein the external control module transfers the energy to the implantable pump ~~via a magnetic coupling~~.
44. (Previously Presented) The system of claim 1, wherein the pump comprises a battery.